

## A B S T R A C T

PRINTED WELDABLE FLEXIBLE POLYMER MATERIAL FOR PRODUCING  
STRETCHED STRUCTURES SUCH AS FALSE CEILINGS

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Prefabricated bondable flexible polymer material in  
thin sheet, slab, or panel form for making tensioned  
structures such as false ceilings in particular, said  
mono- or multilayer material such as plasticized PVC, for  
10 example, carrying a direct ink jet or silkscreen print of  
at least one design of shapes and dimensions that are  
predetermined once the material is under tension; making  
a tensioned structure such as a tensioned false ceiling,  
in particular, from such a material, by means of a first  
15 step of selecting the type, dimensions, and dispositions  
of the mono- or polychromatic designs to be printed, said  
designs being digitized and recorded in a computer memory  
of a system for controlling a printing machine, printing  
optionally being performed on a plurality of bonded-  
20 together strips of material, and in particular over zones  
of edge-to-edge bonding between the strips, said printing  
taking place before or after bonding.

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